

# Yashwanth K S

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Location: Bangalore, KA

## Profile Summary

**Java Backend Developer** with **3.5+ years** of experience designing and developing scalable, high-performance microservices applications. Expertise in **Spring** ecosystem including **Spring Boot**, **Spring WebFlux**, and **Spring Security (JWT)** for building secure **REST APIs**. Proficient in relational databases (**PostgreSQL**, **MySQL**) and delivering robust, testable code using **JUnit5** & **Mockito**. Strong problem-solving abilities with proven experience in **Agile/Scrum** environments.

## Experience

**Mihaan Information Technology Services Private Limited.**

**Bangalore, KA, India (Remote)**

**Software Engineer**

**June 2024 – Present**

- **Reactive API Development:** Built and optimized reactive CRUD APIs for Global Trade Management (GTM) using Spring WebFlux, improving API response time by **30%** and reducing redundant DB calls by **25%**, while helping frontend teams resolve integration issues **40% faster**.
- **RPL Loader Engineering:** Developed multi-format (JSON, XML, Excel) ingestion pipelines for Trade Content Management (TCM), enabling accurate loading across **10+ parent-child tables** and increasing data processing accuracy to **95%**.
- **Incremental Update Logic:** Implemented high-reliability incremental update logic (add/update/delete detection), reducing duplicate data writes by **70%** and lowering data loss incidents by **over 90%** for both RPL-ID and non-ID (name/address) files.
- **Data Standardization & Automation:** Added preprocessing and normalization flows that cut manual file cleanup effort by **60%**, ensuring consistent ingestion across all content formats.
- **Content Distribution System (CDS):** Contributed to a tenant-based CDS by modularizing TCM into a standalone service, enabling **100% automated content distribution** across tenants and reducing manual release effort from **2 hours to under 5 minutes**.
- **Database Optimization:** Tuned database queries and batch operations within TCM ingestion flows, reducing overall processing time by **40%** and improving throughput for large RPL file ingestion.

**Wissen Infotech**

**Bangalore, KA, India**

**Junior Software Engineer**

**March 2022 – January 2024**

- **Backend Development:** Built and maintained enterprise backend services using Spring Boot, Microservices, Spring Security (JWT), and JPA, delivering scalable modules and improving reliability across systems powered by **MySQL**.
- **Project Development:** Contributed to major projects including Service Catalog (REST APIs, JWT authentication, SMTP email automation, SonarQube improvements) and KWA Water Authority (automated billing APIs, data workflow optimization, Swagger3 documentation).
- **Quality & Optimization:** Enhanced code quality with JUnit5, Mockito, and SonarQube standards, improved data workflows, streamlined integrations, and ensured maintainability through clean architectural patterns and Git-based version control.
- **API Integration & Debugging:** Worked closely with frontend teams to refine API contracts, resolve integration issues, and reduce API-related defects by **30%** across multiple modules.
- **Agile Collaboration:** Participated in Agile ceremonies including standups, sprint planning, and retrospectives, contributing to a **95% on-time delivery rate** for assigned features and modules.
- **Logging & Monitoring:** Implemented Log4J-based logging and monitoring improvements, enhancing traceability and reducing debugging time during production and QA cycles.

**Appslucent Software Pvt Ltd**

**Bangalore, KA, India**

**Software Engineer – Intern**

**July 2019 – Aug 2019**

- **Web Application for Instructor–Student Portal:** Designed and built a high-traffic web application supporting 1000+ requests per hour, enabling seamless interaction between instructors and students.
- **LMS Module Development:** Implemented core LMS workflows including assignment upload, grading, and student submission tracking, achieving 80% functional coverage of standard LMS features.

## Skills

- **Languages:** Java
- **Backend & Frameworks:** Spring, Spring Boot, Spring WebFlux (Reactive), Spring Security (JWT), REST APIs, Microservices, Hibernate, JPA, JDBC
- **Tools & DevOps:** Docker, Maven, Git, GitHub Action, Swagger, JUnit5, Mockito, Kafka, Keycloak, kubernetes, JSON, XML,
- **Databases:** MySQL, PostgreSQL, H2.

## Education

Ghousia College of Engineering

Ramanagaram, Karnataka, India

Bachelor Of Engineering (BE) - Information Science and Engineering(ISE)

Aug 2016 – Aug 2020

## Projects

- **Quiz Portal:** Developed admin workflows using **Java 8**, **Spring Boot**, **HTML5**, **CSS3** added unit tests with **Mockito/JUnit** to improve reliability.